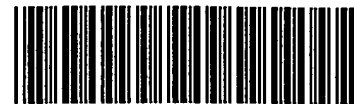


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 09/879,442B
Source: IFW16
Date Processed by STIC: 10/13/2006

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 10/13/2006

PATENT APPLICATION: US/09/879,442B

TIME: 10:28:16

Input Set : N:\CrF4\10122006\I879442A.raw

Output Set: N:\CRF4\10122006\I879442B.raw

1 <110> APPLICANT: DUBOIS, VINCENT
 2 FERNANDEZ, ANNE MARIE
 3 GANGWAR, SANJEEV
 4 LEWIS, EVAN
 5 LOBL, THOMAS J.
 6 NIEDER, MATTHEW H.
 7 PICKFORD, LESLEY B.
 8 TROUET, ANDRE
 9 YARRANTON, GEOFFREY T.
 10 <120> TITLE OF INVENTION: ENZYME CLEAVABLE PRODRUG COMPOUNDS
 11 <130> FILE REFERENCE: MXI-321CP
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/879,442B
 13 <141> CURRENT FILING DATE: 2001-06-11
 14 <150> PRIOR APPLICATION NUMBER: 60/290,448
 15 <151> PRIOR FILING DATE: 2001-05-11
 16 <150> PRIOR APPLICATION NUMBER: 60/211,887
 17 <151> PRIOR FILING DATE: 2000-06-14
 18 <150> PRIOR APPLICATION NUMBER: PCT/US99/30393
 19 <151> PRIOR FILING DATE: 1999-12-10
 20 <150> PRIOR APPLICATION NUMBER: 60/119,312
 21 <151> PRIOR FILING DATE: 1999-02-08
 22 <150> PRIOR APPLICATION NUMBER: 60/111,793
 23 <151> PRIOR FILING DATE: 1998-12-11
 24 <160> NUMBER OF SEQ ID NOS: 105
 25 <170> SOFTWARE: PatentIn version 3.3
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 7
 29 <212> TYPE: PRT
 30 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 33 peptide
 34 <220> FEATURE:
 35 <221> NAME/KEY: MOD_RES
 36 <222> LOCATION: (1)
 37 <223> OTHER INFORMATION: D-Alanine
 38 <220> FEATURE:
 39 <221> NAME/KEY: MOD_RES
 40 <222> LOCATION: (2)
 41 <223> OTHER INFORMATION: 2-Thienylalanine
 42 <220> FEATURE:
 43 <221> NAME/KEY: MOD_RES
 44 <222> LOCATION: (3)..(4)

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RAW SEQUENCE LISTING

DATE: 10/13/2006

PATENT APPLICATION: US/09/879,442B

TIME: 10:28:16

Input Set : N:\CrF4\10122006\I879442A.raw

Output Set: N:\CRF4\10122006\I879442B.raw

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54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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57 <220> FEATURE:
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59 <222> LOCATION: (1)
60 <223> OTHER INFORMATION: 2-Thienylalanine
61 <220> FEATURE:
62 <221> NAME/KEY: MOD_RES
63 <222> LOCATION: (2)..(3)
64 <223> OTHER INFORMATION: Beta-Alanine
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W--> 66      Xaa Xaa Xaa Leu Ala Leu
67          1          5
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70 <211> LENGTH: 5
71 <212> TYPE: PRT
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74 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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78 <222> LOCATION: (1)..(2)
79 <223> OTHER INFORMATION: Beta-Alanine
80 <400> SEQUENCE: 3
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82          1          5
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86 <212> TYPE: PRT
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88 <220> FEATURE:
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92 <221> NAME/KEY: MOD_RES
93 <222> LOCATION: (1)
94 <223> OTHER INFORMATION: Beta-Alanine
95 <400> SEQUENCE: 4
W--> 96      Xaa Ala Ala Ile

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RAW SEQUENCE LISTING

DATE: 10/13/2006

PATENT APPLICATION: US/09/879,442B

TIME: 10:28:16

Input Set : N:\Crf4\10122006\I879442A.raw

Output Set: N:\CRF4\10122006\I879442B.raw

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108 <222> LOCATION: (1)
109 <223> OTHER INFORMATION: Beta-Alanine
110 <400> SEQUENCE: 5
W--> 111     Xaa Ala Ala Leu
112      1
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116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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121 <220> FEATURE:
122 <221> NAME/KEY: MOD_RES
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124 <223> OTHER INFORMATION: Beta-Alanine
125 <400> SEQUENCE: 6
W--> 126     Xaa Phe Tyr Leu
127      1
129 <210> SEQ ID NO: 7
130 <211> LENGTH: 4
131 <212> TYPE: PRT
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133 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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136 <220> FEATURE:
137 <221> NAME/KEY: MOD_RES
138 <222> LOCATION: (1)
139 <223> OTHER INFORMATION: Beta-Alanine
140 <400> SEQUENCE: 7
W--> 141     Xaa Phe Thr Phe
142      1
144 <210> SEQ ID NO: 8
145 <211> LENGTH: 4
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING

DATE: 10/13/2006

PATENT APPLICATION: US/09/879,442B

TIME: 10:28:16

Input Set : N:\Crf4\10122006\I879442A.raw

Output Set: N:\CRF4\10122006\I879442B.raw

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153 <222> LOCATION: (1)
154 <223> OTHER INFORMATION: Beta-Alanine
155 <400> SEQUENCE: 8
W--> 156 Xaa Phe Gly Ile
157 1
159 <210> SEQ ID NO: 9
160 <211> LENGTH: 4
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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166 <220> FEATURE:
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169 <223> OTHER INFORMATION: Beta-Alanine
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W--> 171 Xaa Phe Gly Leu
172 1
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178 <220> FEATURE:
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184 <223> OTHER INFORMATION: Beta-Alanine
185 <400> SEQUENCE: 10
W--> 186 Xaa Phe Phe Phe
187 1
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193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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196 <220> FEATURE:
197 <221> NAME/KEY: MOD_RES
198 <222> LOCATION: (1)
199 <223> OTHER INFORMATION: Beta-Alanine
200 <400> SEQUENCE: 11
W--> 201 Xaa Phe Phe Ile

RAW SEQUENCE LISTING

DATE: 10/13/2006

PATENT APPLICATION: US/09/879,442B

TIME: 10:28:16

Input Set : N:\Crf4\10122006\I879442A.raw

Output Set: N:\CRF4\10122006\I879442B.raw

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206 <212> TYPE: PRT
207 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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211 <220> FEATURE:
212 <221> NAME/KEY: MOD_RES
213 <222> LOCATION: (1)
214 <223> OTHER INFORMATION: Beta-Alanine
215 <400> SEQUENCE: 12
W--> 216      Xaa Phe Phe Leu
217      1
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220 <211> LENGTH: 4
221 <212> TYPE: PRT
222 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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226 <220> FEATURE:
227 <221> NAME/KEY: MOD_RES
228 <222> LOCATION: (1)
229 <223> OTHER INFORMATION: Beta-Alanine
230 <400> SEQUENCE: 13
W--> 231      Xaa Phe Ala Ile
232      1
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235 <211> LENGTH: 4
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238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
240      peptide
241 <220> FEATURE:
242 <221> NAME/KEY: MOD_RES
243 <222> LOCATION: (1)
244 <223> OTHER INFORMATION: Beta-Alanine
245 <400> SEQUENCE: 14
W--> 246      Xaa Phe Ala Leu
247      1
249 <210> SEQ ID NO: 15
250 <211> LENGTH: 4
251 <212> TYPE: PRT
252 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/879,442B

DATE: 10/13/2006
TIME: 10:28:17

Input Set : N:\Crf4\10122006\I879442A.raw
Output Set: N:\CRF4\10122006\I879442B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4
Seq#:2; Xaa Pos. 1,2,3
Seq#:3; Xaa Pos. 1,2
Seq#:4; Xaa Pos. 1
Seq#:5; Xaa Pos. 1
Seq#:6; Xaa Pos. 1
Seq#:7; Xaa Pos. 1
Seq#:8; Xaa Pos. 1
Seq#:9; Xaa Pos. 1
Seq#:10; Xaa Pos. 1
Seq#:11; Xaa Pos. 1
Seq#:12; Xaa Pos. 1
Seq#:13; Xaa Pos. 1
Seq#:14; Xaa Pos. 1
Seq#:15; Xaa Pos. 1
Seq#:16; Xaa Pos. 1
Seq#:17; Xaa Pos. 1
Seq#:18; Xaa Pos. 1,3
Seq#:19; Xaa Pos. 1
Seq#:20; Xaa Pos. 1
Seq#:21; Xaa Pos. 1
Seq#:22; Xaa Pos. 1
Seq#:23; Xaa Pos. 1,3
Seq#:24; Xaa Pos. 1
Seq#:25; Xaa Pos. 1
Seq#:26; Xaa Pos. 1
Seq#:27; Xaa Pos. 1
Seq#:28; Xaa Pos. 1
Seq#:29; Xaa Pos. 1
Seq#:30; Xaa Pos. 1
Seq#:31; Xaa Pos. 1
Seq#:32; Xaa Pos. 1,3
Seq#:33; Xaa Pos. 1
Seq#:34; Xaa Pos. 1,4
Seq#:35; Xaa Pos. 1
Seq#:36; Xaa Pos. 1
Seq#:37; Xaa Pos. 1
Seq#:38; Xaa Pos. 1
Seq#:39; Xaa Pos. 1
Seq#:40; Xaa Pos. 1
Seq#:41; Xaa Pos. 1
Seq#:42; Xaa Pos. 1
Seq#:43; Xaa Pos. 1
Seq#:44; Xaa Pos. 1

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/879,442B

DATE: 10/13/2006
TIME: 10:28:17

Input Set : N:\Crf4\10122006\I879442A.raw
Output Set: N:\CRF4\10122006\I879442B.raw

Seq#:45; Xaa Pos. 1
Seq#:46; Xaa Pos. 1
Seq#:47; Xaa Pos. 1
Seq#:48; Xaa Pos. 1
Seq#:49; Xaa Pos. 1,4
Seq#:50; Xaa Pos. 1
Seq#:51; Xaa Pos. 1

VERIFICATION SUMMARY

DATE: 10/13/2006

PATENT APPLICATION: US/09/879,442B

TIME: 10:28:17

Input Set : N:\Crf4\10122006\I879442A.raw

Output Set: N:\CRF4\10122006\I879442B.raw

L:12 M:270 C: Current Application Number differs, Wrong Format
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:419 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0

VERIFICATION SUMMARY

DATE: 10/13/2006

PATENT APPLICATION: US/09/879,442B

TIME: 10:28:17

Input Set : N:\Crf4\10122006\I879442A.raw

Output Set: N:\CRF4\10122006\I879442B.raw

L:772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0

L:791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0

L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0